

FIG. 1

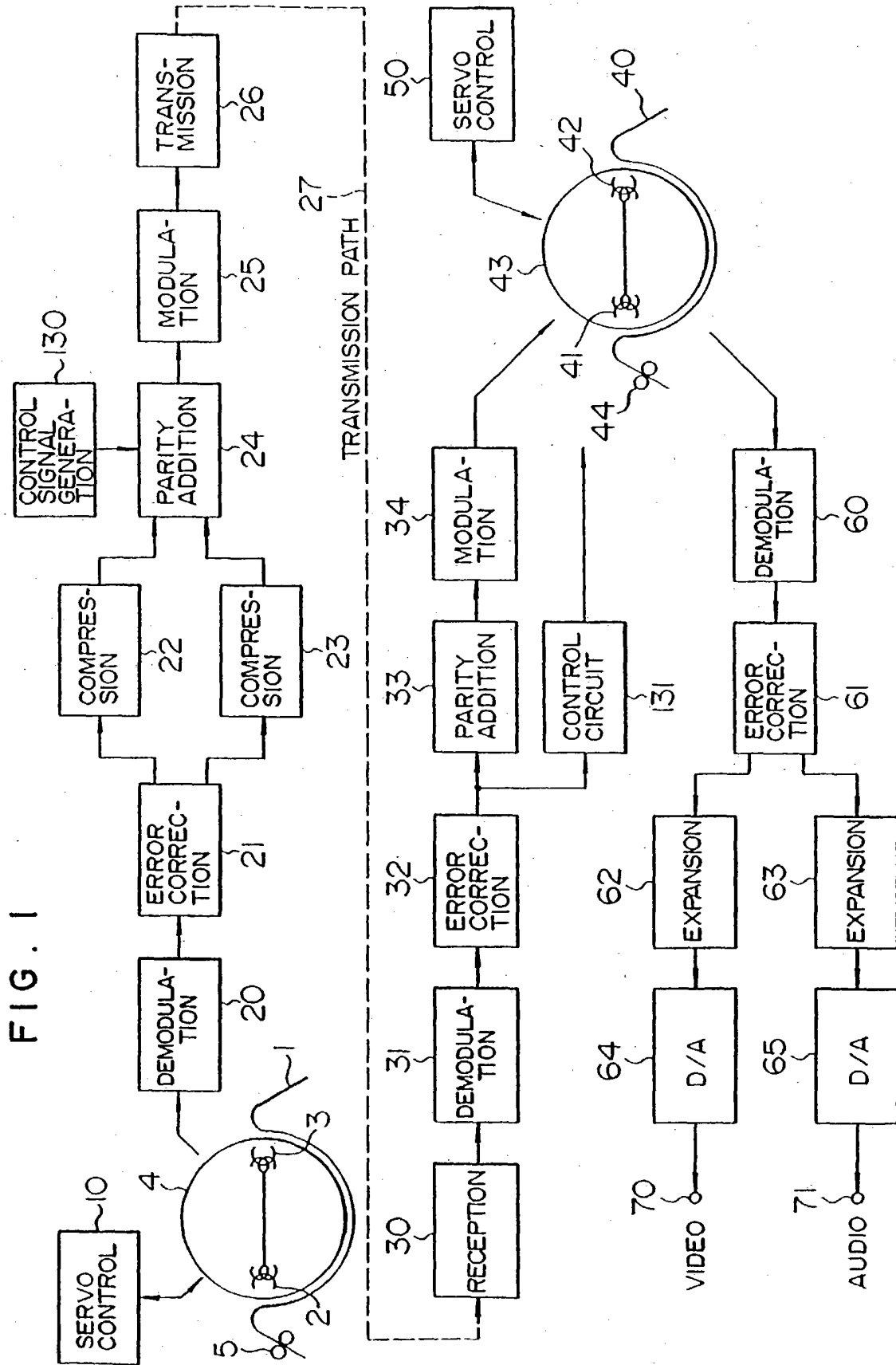


FIG. 2

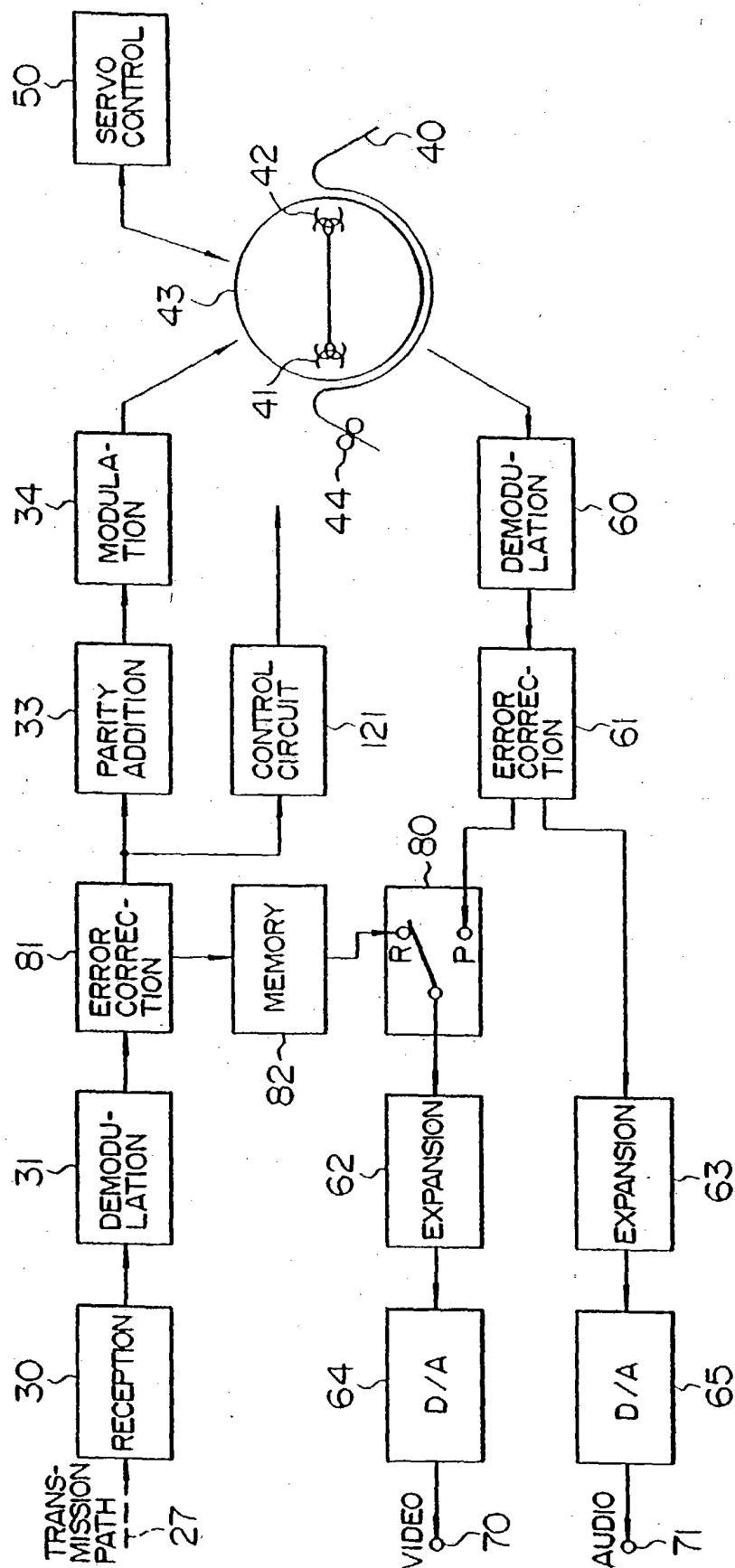
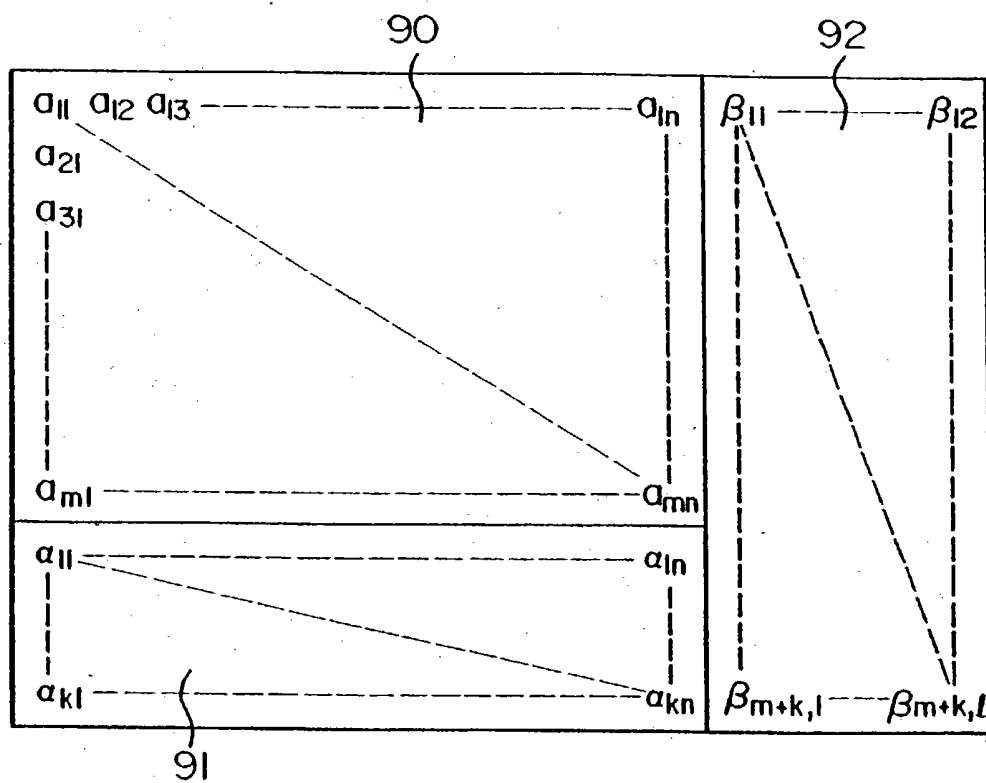


FIG. 3



4-6-4

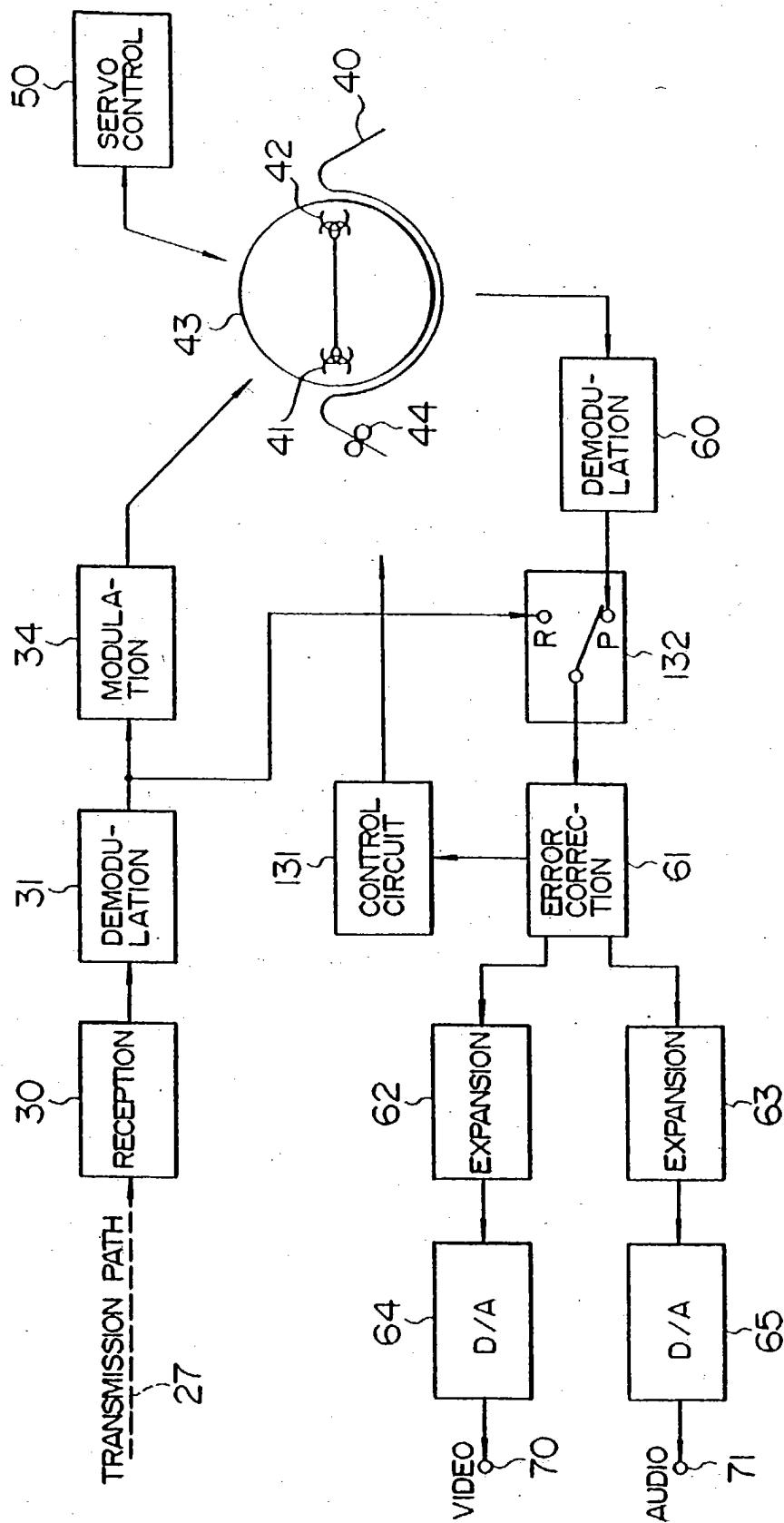


FIG. 5

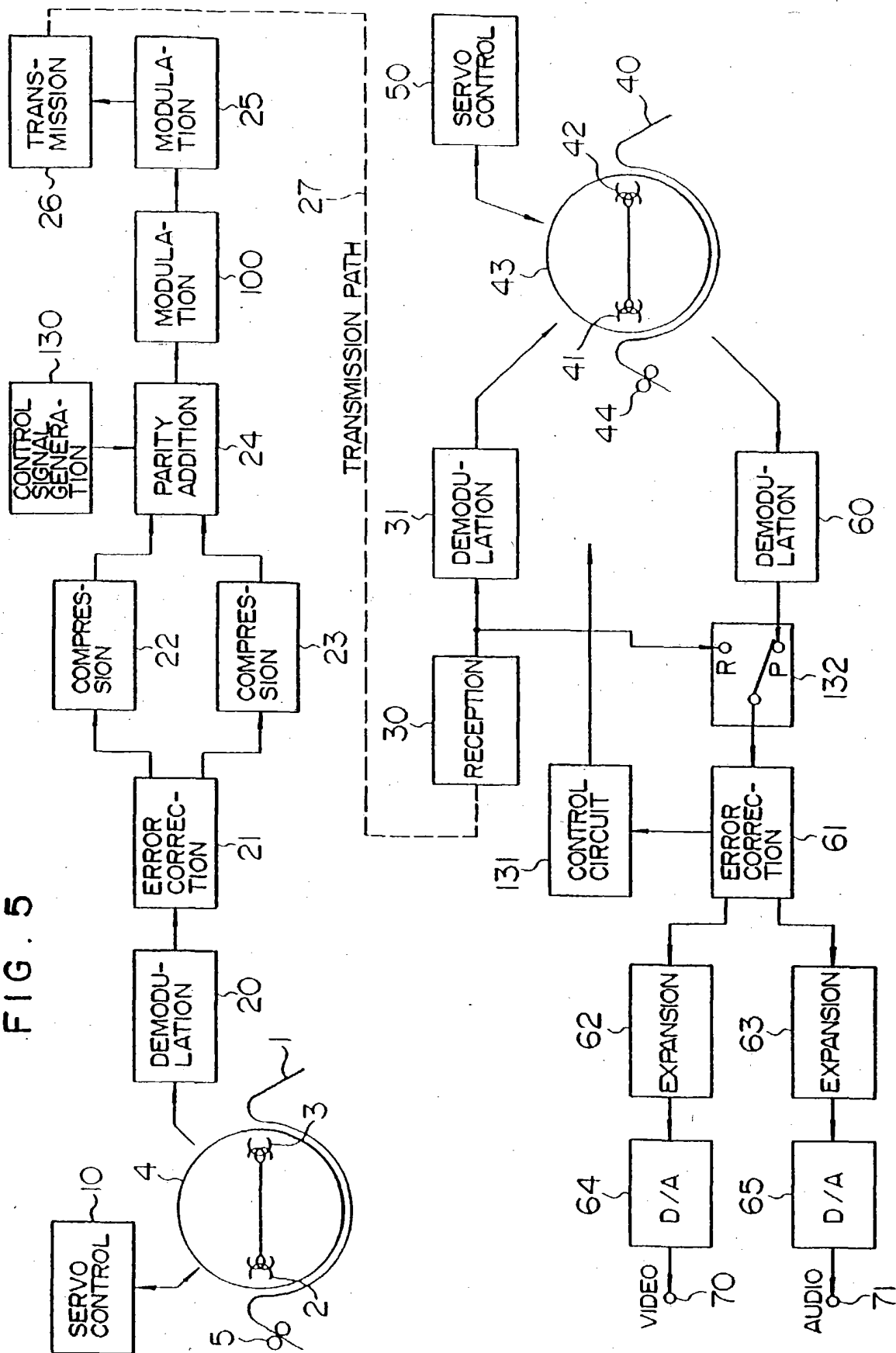


FIG. 6

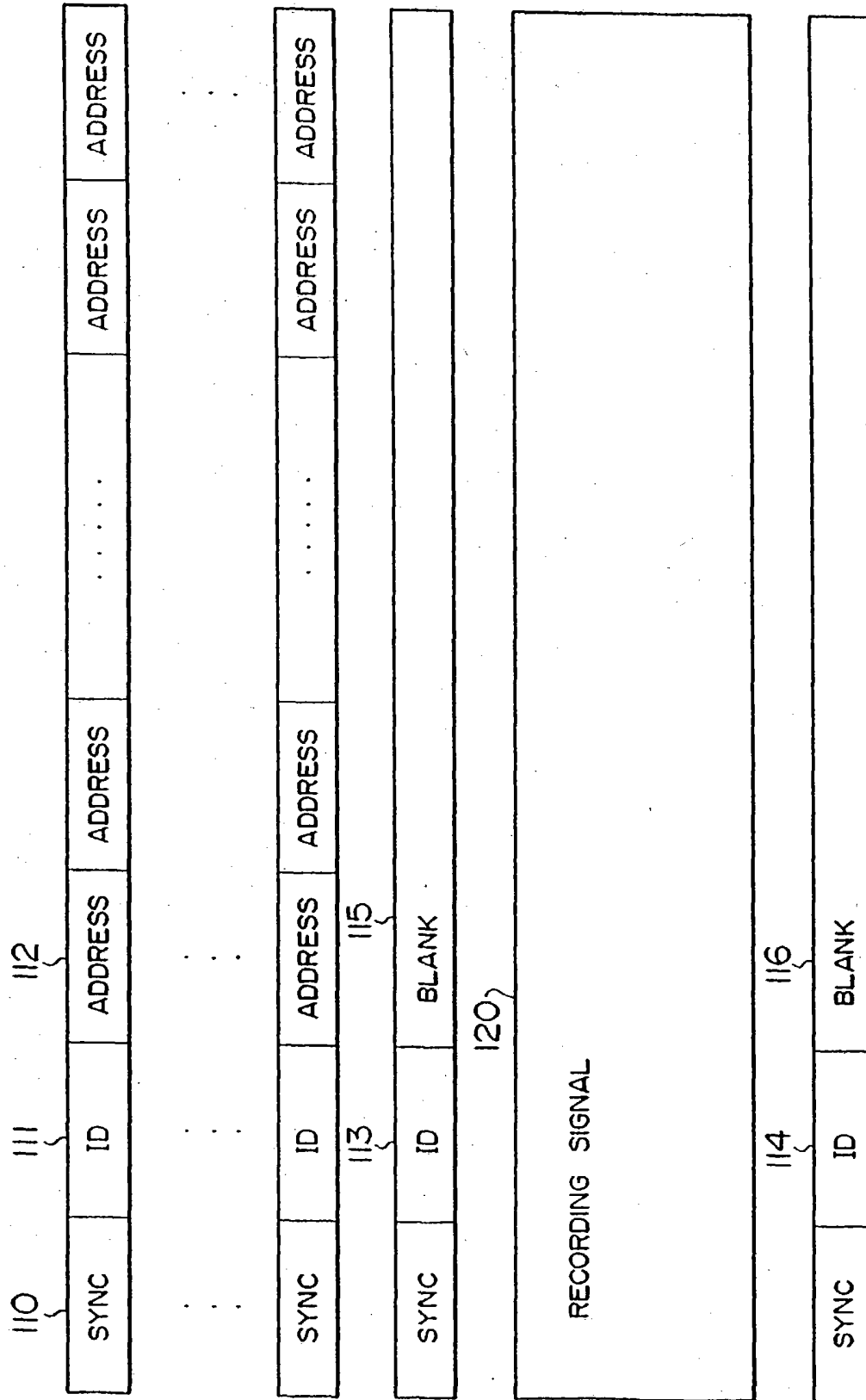


FIG. 7

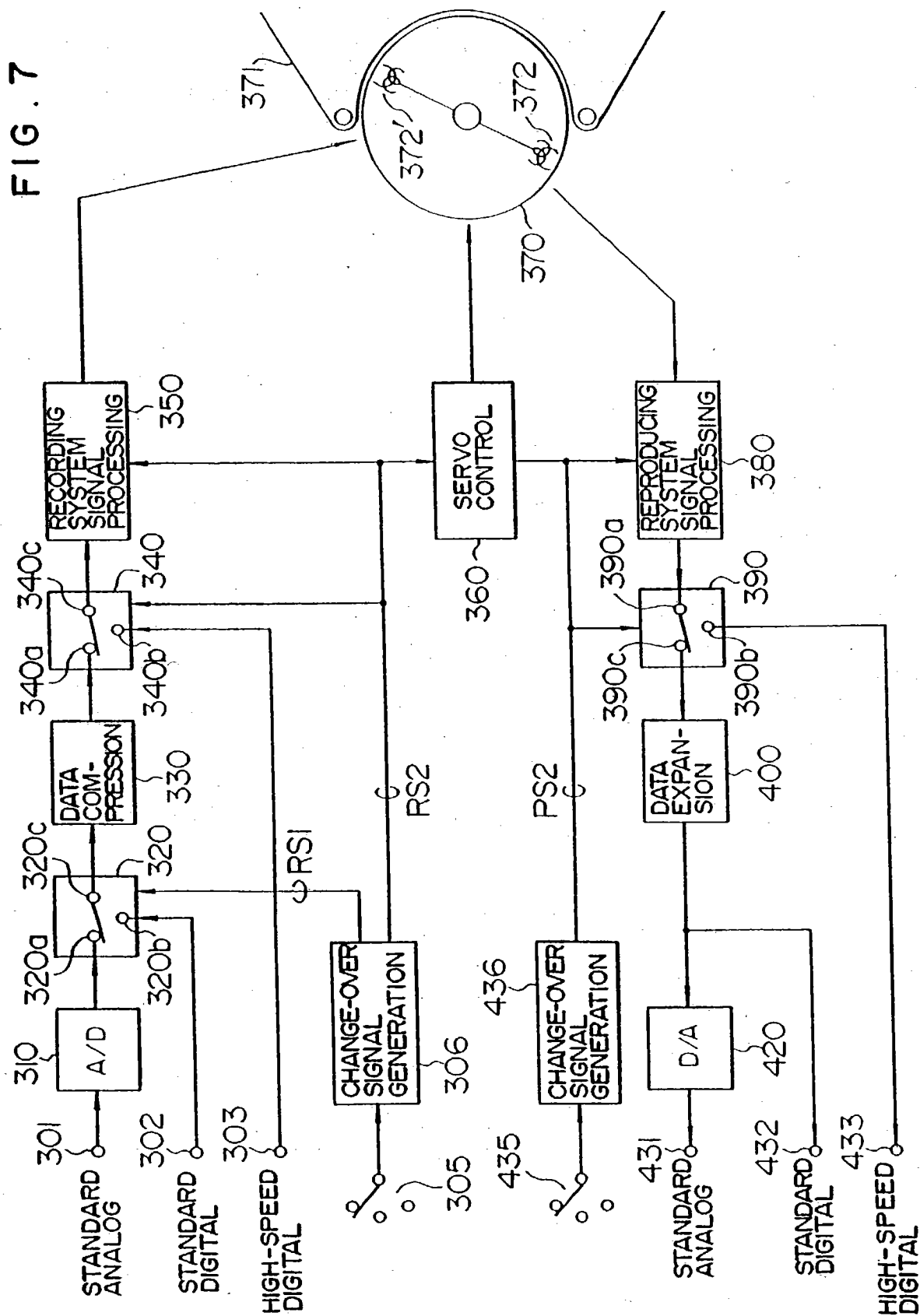


FIG. 8

ITEM INPUT		FIELD FREQUENCY	TRANSMISSION RATE	DATA COMPRESSION	TIME-BASE COMPRESSION
STANDARD SPEED	ANALOG	59.94 Hz	(AFTER A/D) 114 Mbps	ABSENCE	ABSENCE
	DIGITAL		114 Mbps		
HIGH SPEED	DIGITAL	59.94 Hz	100 Mbps	PRESENCE 1/11.4	PRESENCE 1/10



FIG. 9

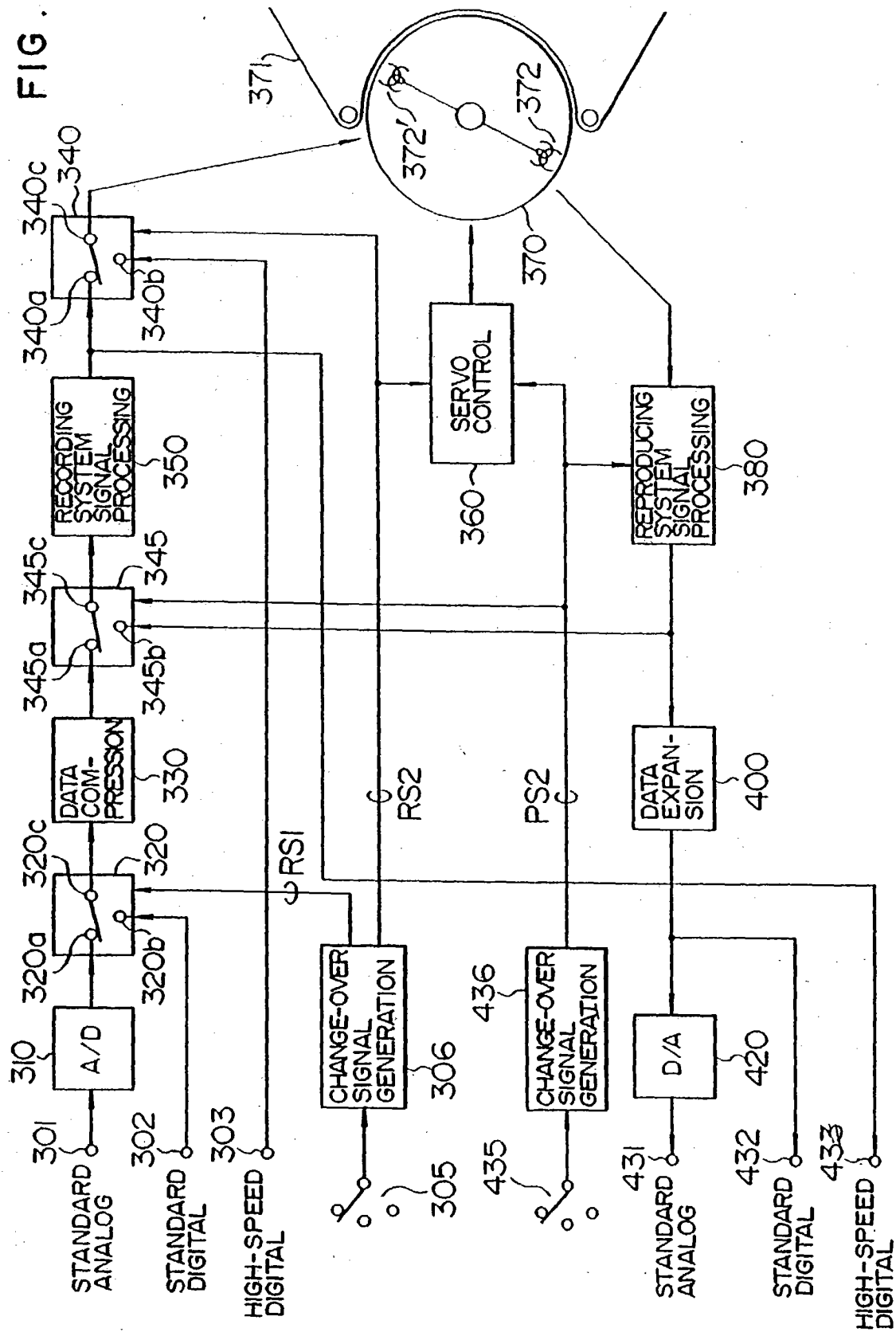


FIG. 10

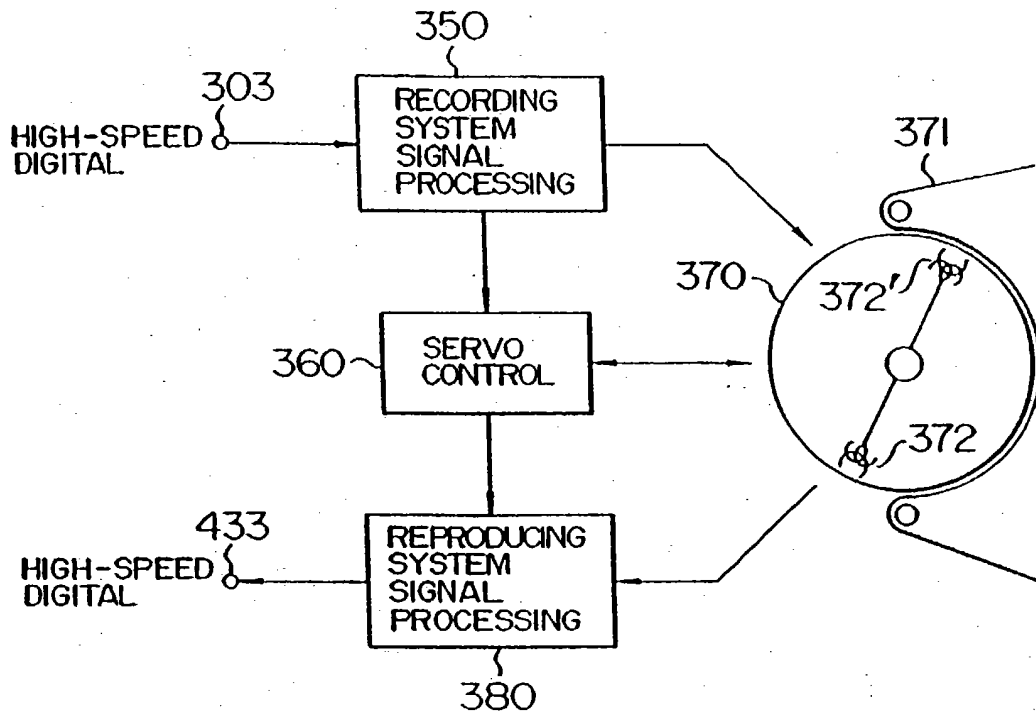


FIG. 11

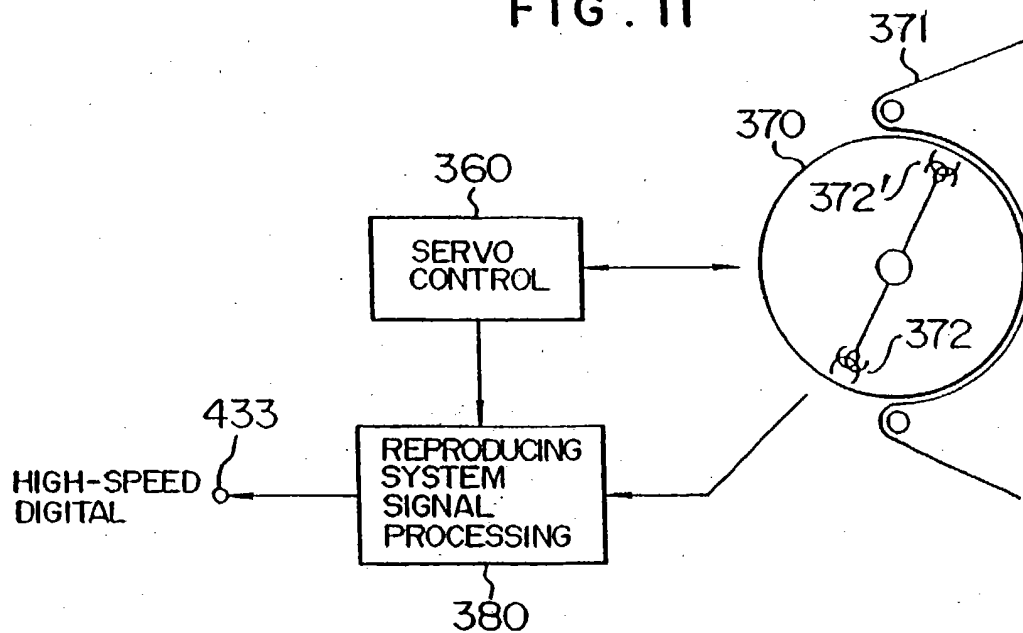
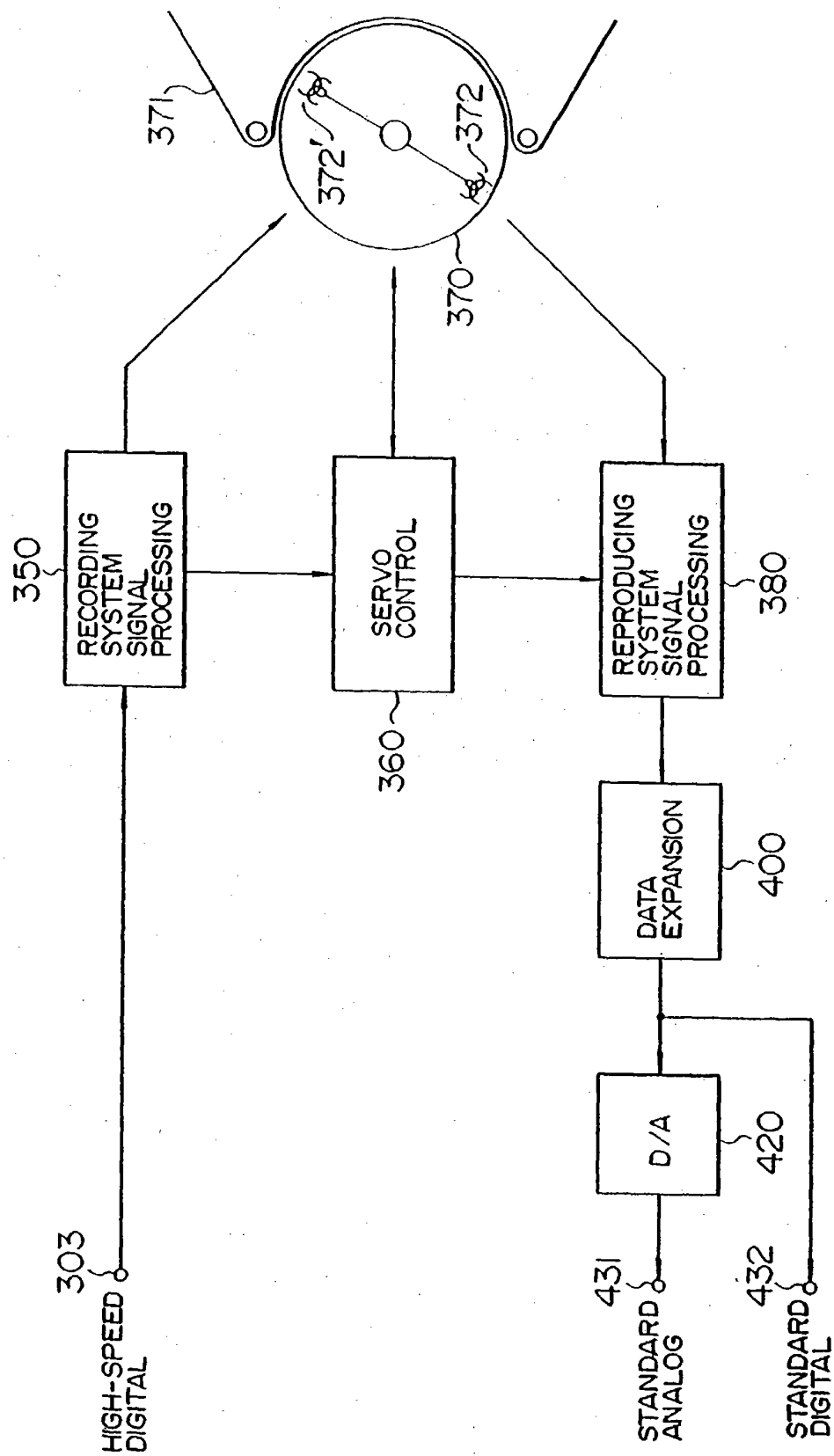


FIG. 12



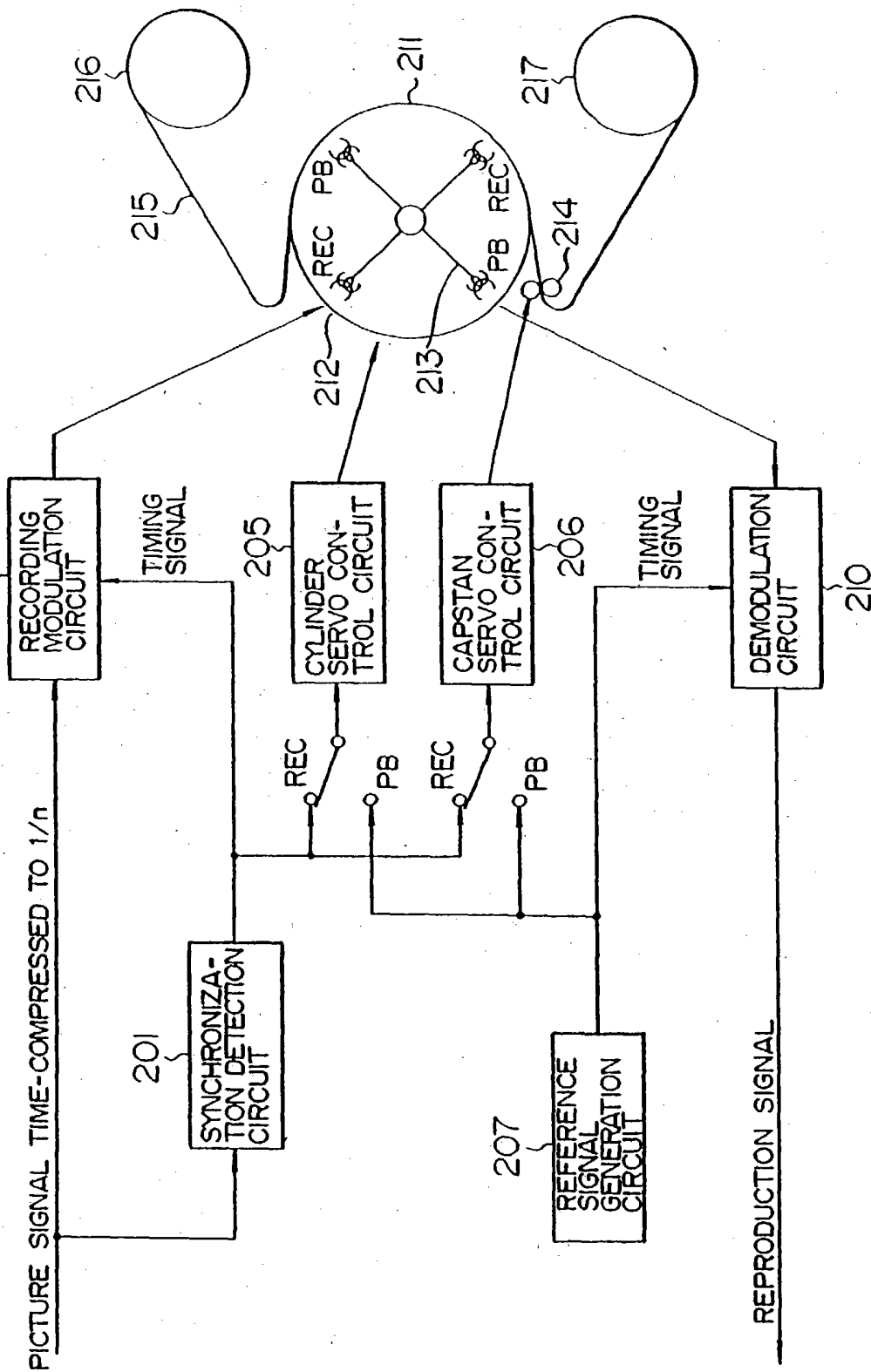
[illegible]

FIG. 14

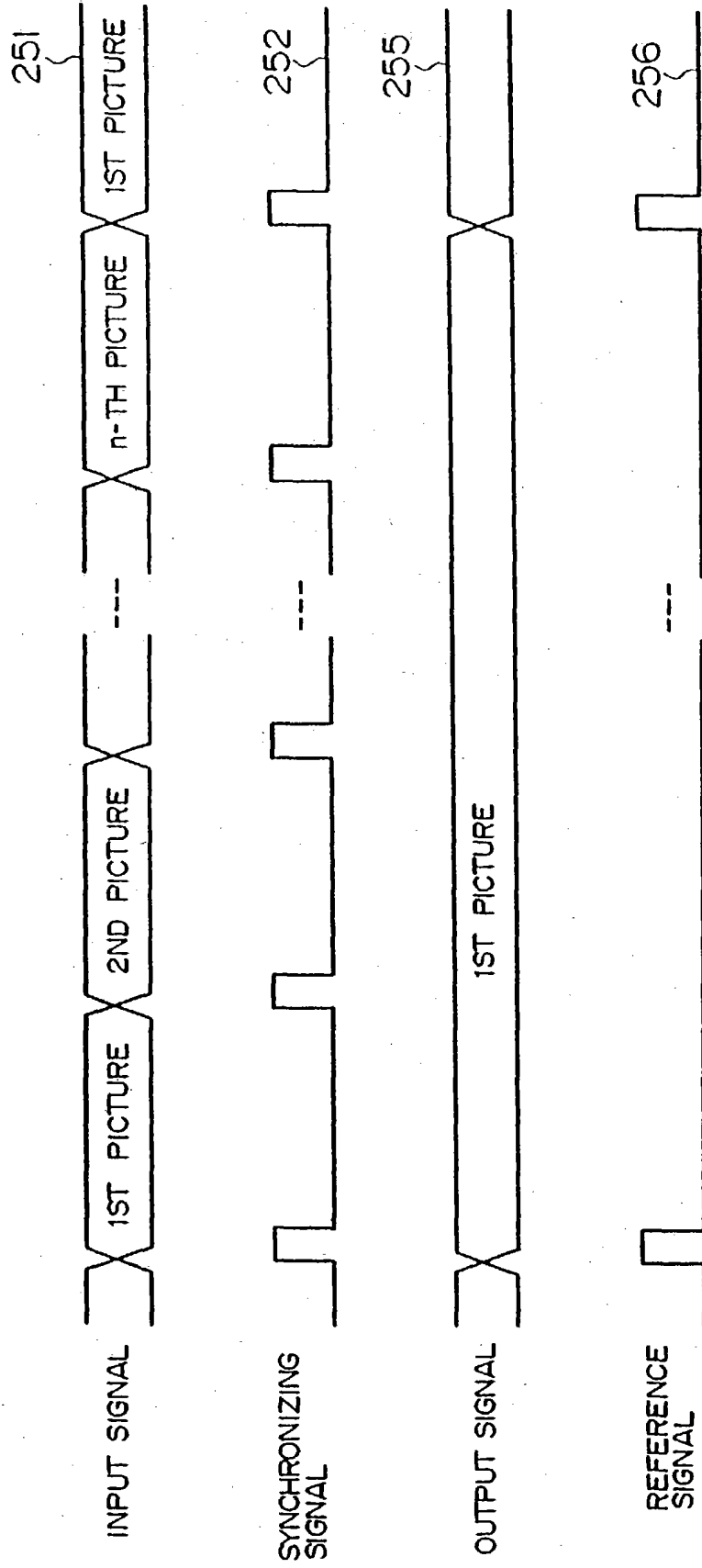


FIG. 15

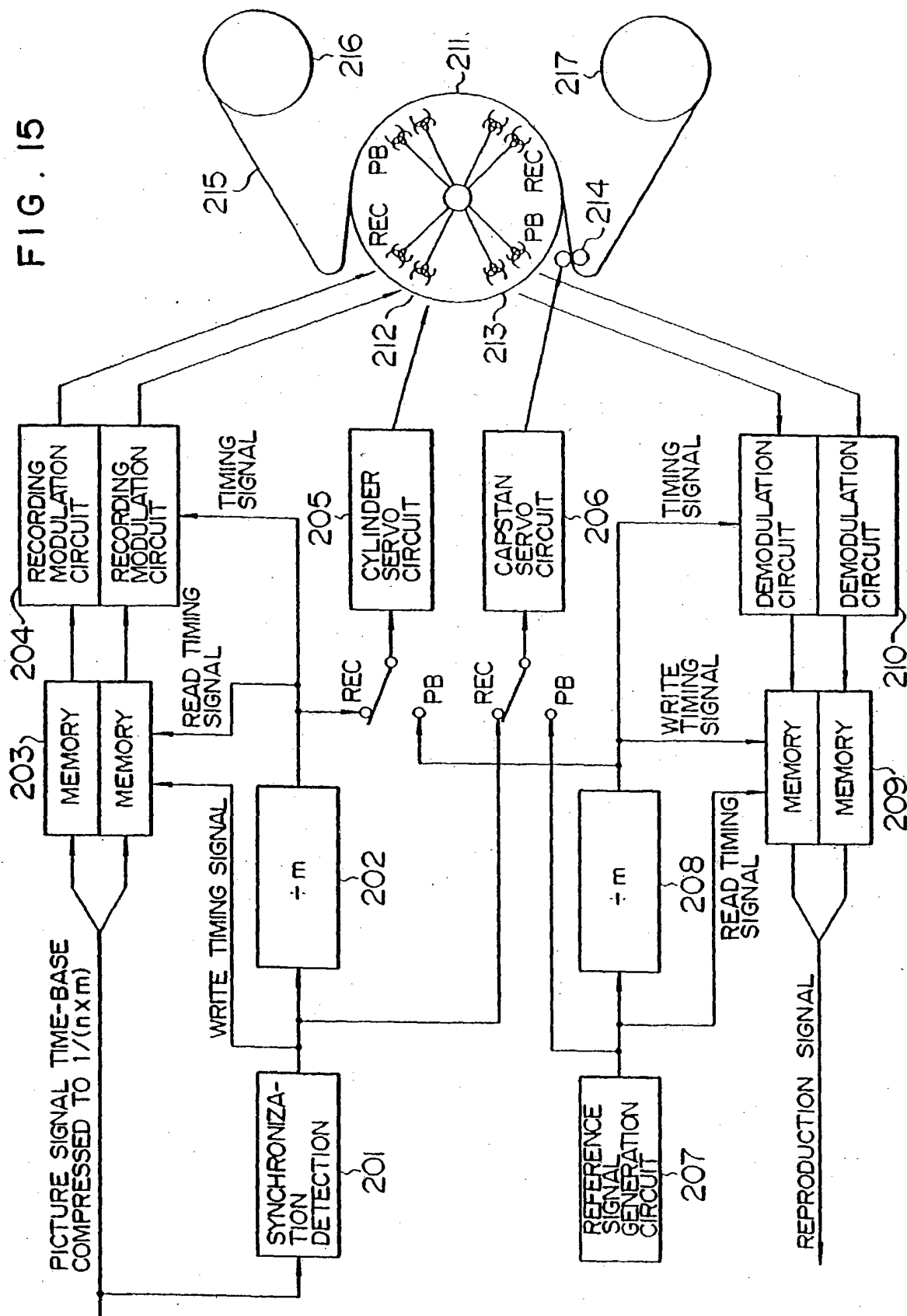


FIG. 16

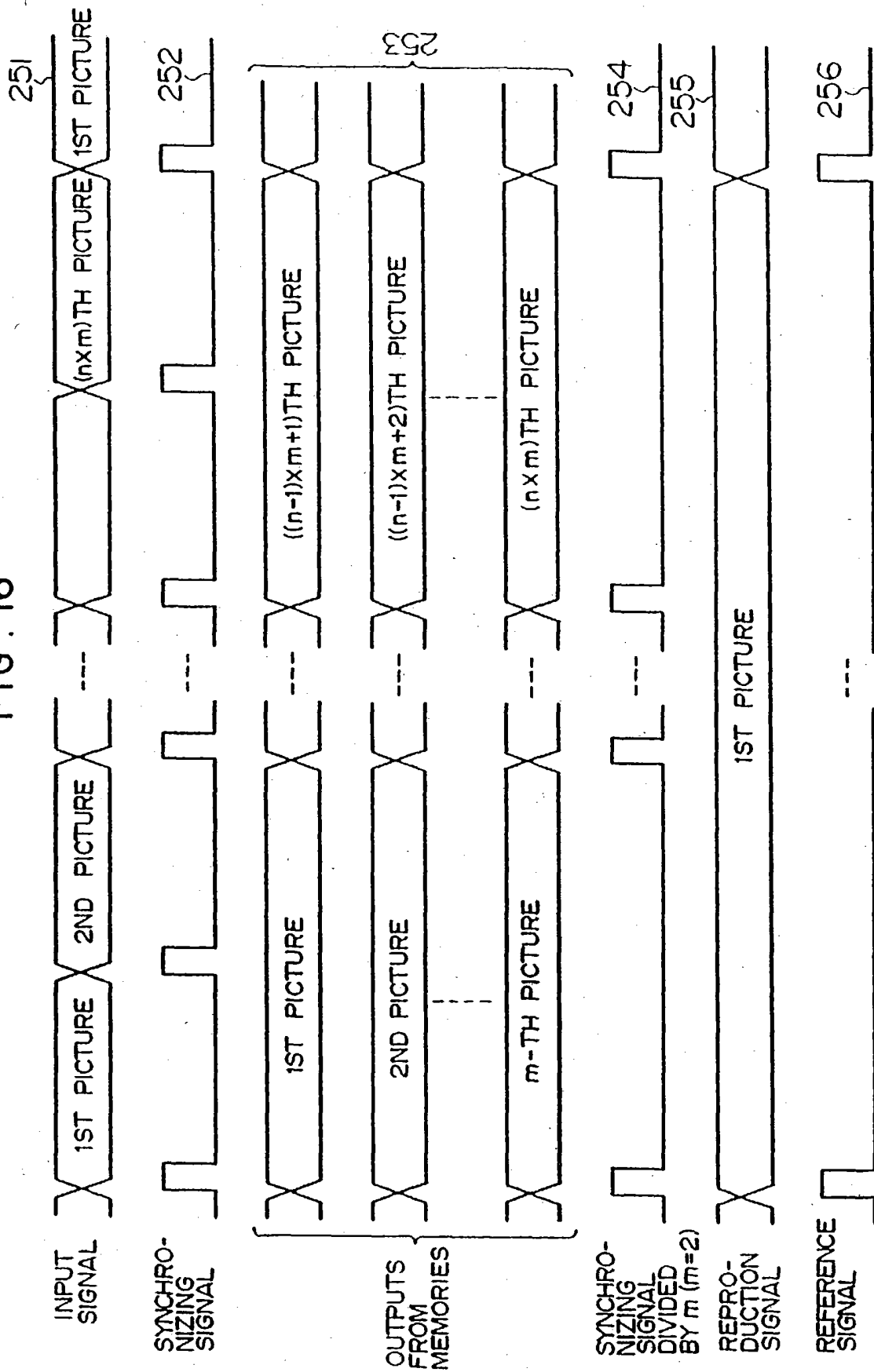


FIG. 17

SYSTEM	MODE		TAPE SPEED (RATIO TO STANDARD SPEED)			CYLINDER ROTATION SPEED (rpm)			NUMBER OF HEAD PAIRS		CYLINDER DIAMETER (mm $\phi$ )	CYLINDER CONTACT ANGLE (deg)	NUMBER OF TRACKS REQUIRED FOR ONE PICTURE	REMARKS
	REC	PB	REC	PB		REC	PB		REC	PB				
VHS (NTSC)	NORMAL SPEED		1	1		1800	1800		1	1	62	180	1	
	NORMAL SPEED		1	1		5400	5400		2	2	96	180	6	
D2 (NTSC)	HIGH SPEED		10	1		9000	900							
	HIGH SPEED		10	10		9000	9000		1	1	120	180	1/2	
	NORMAL SPEED		1	10		900	9000							
	HIGH SPEED		10	10		9000	9000							
EXAMPLE ②	NORMAL SPEED		10	1		9000	900							
	HIGH SPEED		10	10		9000	9000		1	1	90	270	1/2	
	NORMAL SPEED		1	10		900	9000							
	HIGH SPEED		10	10		9000	9000							
EXAMPLE ③	NORMAL SPEED		10	1		18000	1800							
	HIGH SPEED		10	10		18000	18000		1	1	60	180	1	
	NORMAL SPEED		1	10		1800	18000							
	HIGH SPEED		10	10		9000	900							
EXAMPLE ④	NORMAL SPEED		10	1		9000	9000		2	2	60	180	1	
	HIGH SPEED		10	10		9000	9000							
	NORMAL SPEED		1	10		900	9000							
	HIGH SPEED		10	10		9000	1800		2	1				
EXAMPLE ⑤	NORMAL SPEED		10	10		9000	9000		2	2	60	180	1	MOVABLE HEADS ARE REQUIRED
	HIGH SPEED		1	10		1800	9000		1	2				
	NORMAL SPEED		1	10		9000	9000							
	HIGH SPEED		10	10		9000	9000							



FIG. 18

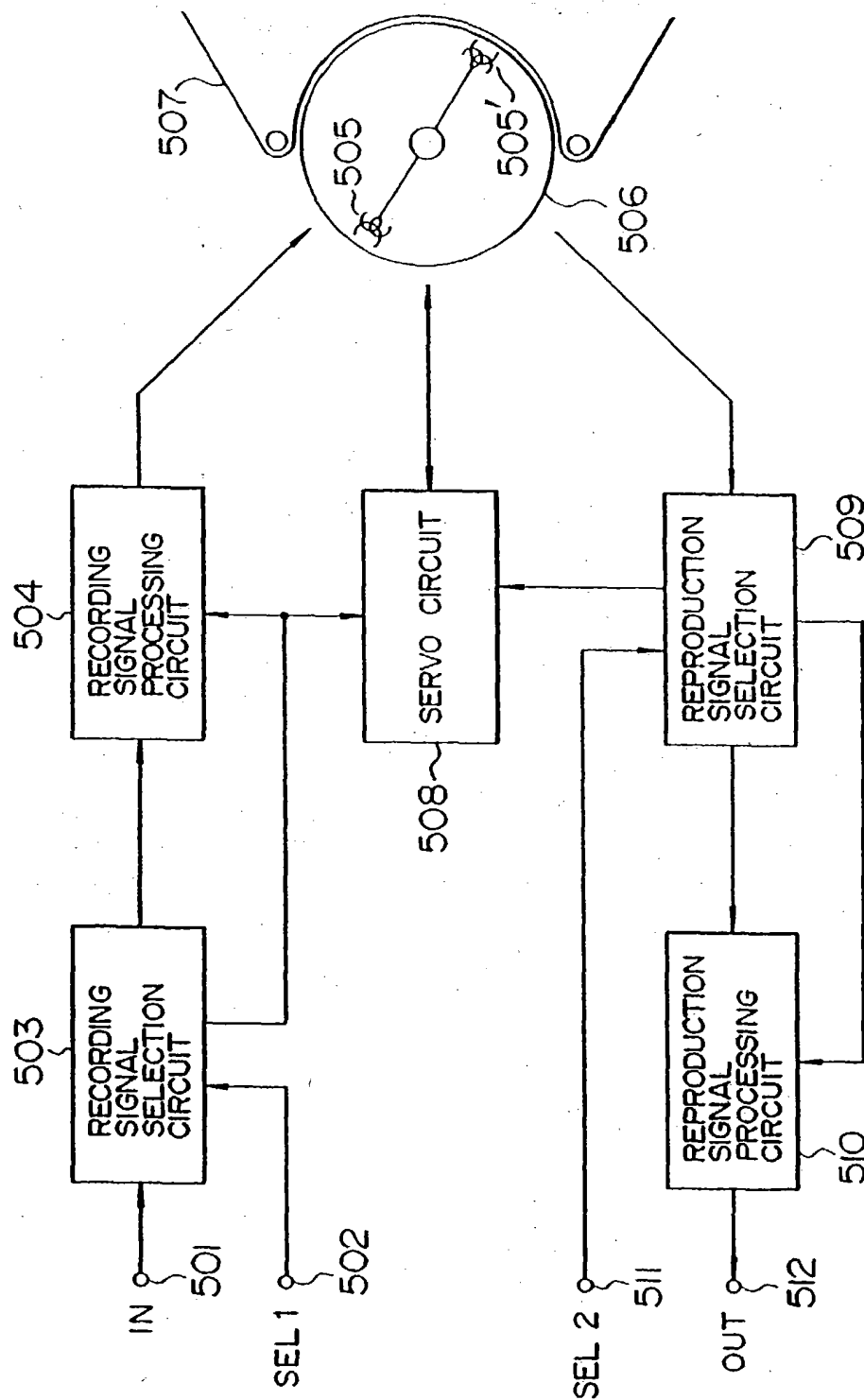


FIG. 19

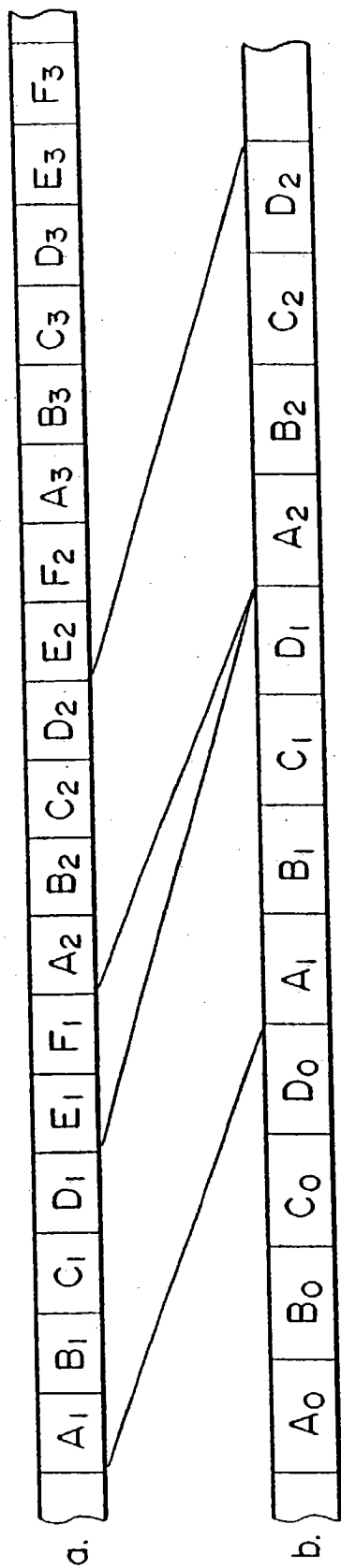


FIG. 20

